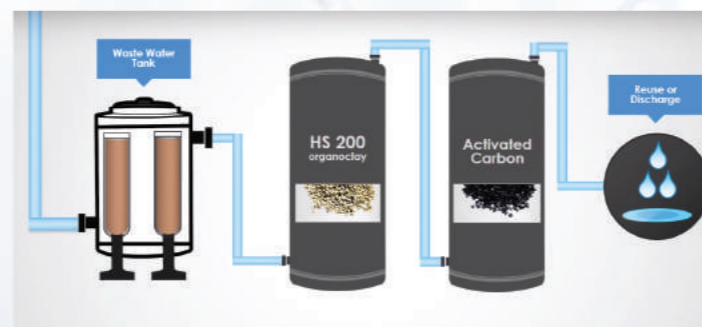


HS-200 Organoclay Series Powerful, cost effective industrial water filtration & remediation media

The pressure to minimize water pollution is rising all the time. Stringent industrial water standards mean it's vital to have an effective water filtration system in place. Otherwise you risk liability costs, fines or even the total shutdown of your facility.

Hydrosil's HS-200 organoclay series is the ultimate water filtration material. Long lasting and cost effective, this zeolite based organoclay is an exceptional adsorbent of oil, heavy metals and other contaminants. HS-200 can adsorb up to 70% of its own weight in hydrocarbons and reduce your discharge to acceptable limits.

Hydrosil's HS-200 can be used as filtration media in tanks, upstream for pre-treatment or downstream of an oil-water separator. HS-200 provides highly effective water filtration & remediation that will minimize your environmental impact, avoid the risk of fines and enable you to meet your corporate responsibility goals.



HS-200 The ultimate water filtration material

HS-200's exceptional water cleansing qualities are a result of our proprietary modification process of zeolite. Zeolite has a high adsorption capacity with a porous surface, and our process enlarges its surface area to maximize the amount of pollutants that can be separated and locked away. It's ability to adsorb 70% of its weight makes HS-200 the best material available for separating hydrocarbons, ionic heavy metals, organics and other contaminants on contact.

HS-200 benefits

Highly adsorbent - Can adsorb heavy metals and up to 70% of its weight in hydrocarbons, heavy metals and other contaminants.

No shrinking or swelling - The crystalline rigid framework eliminates shrinking and swelling.

Cation exchange capacity - HS-200 can release beneficial elements while capturing waste products.

Longer lasting - Minimal maintenance and a longer lifespan than other processed organoclays.

More active ingredients - HS-200 provides 333% more active product ingredients per volume than organophilic clay.

Cost Savings - Long lifespan reduces replacement frequency and provides cost savings on labor and reduced wastewater treatment costs.

Customizable - Customized blends available to match your specific water filtration requirements.

Applications

- Pipeline pressure testing runoff
- Dewatering
- Oil industry
- Pulp and paper mills
- Marine applications
- Protection of RO membranes
- Tank and storage vessel cleaning
- Pesticide removal
- Condensate systems
- Industrial water runoff
- Storm water runoff
- Cooling tower water

Multiple ways in which HS-200 can be used in water filtration

Free standing - HS-200 can be loaded into wastewater holding tanks and used for still bed filtration.

Pre-Treatment - Bedded upstream to improve the performance of other filtration processes, including reverse osmosis, activated carbons and resins.

Post-Treatment - Used downstream of an oil-water separator or coalescence filter and used as a cleaning and polishing agent.

Please contact Hydrosil International Ltd. or your Local Distributor.

Hydrosil International Ltd. makes no warranty, either expressed or implied, including any warranties of merchantability and fitness for a particular purpose.



HYDROSIL

INTERNATIONAL LTD.



HYDROSIL
INTERNATIONAL LTD.

HS-200 Series Versatility

Free Standing Mode: Used on its own, HS-200 series can be loaded in drums for use as an efficient filtration media. Other applications include tank cleaning, oil spill mitigation, and lining/capping projects.

Pre-Treatment Mode: HS-200 Series can be used upstream to enhance the performance and extend the useful life of other filtration processes and media such as reverse osmosis, activated carbon and resins.

Post-Treatment Mode: HS-200 Series utilized downstream of an oil-water separator or coalesce filter, has the ability to act as an effective cleaning and polishing agent.

Application Parameters:

Bulk Density: 58 lbs/Ft³ (929 kg/M³)

10 - 15 minutes depending on concentration of contaminant(s) to be removed.

Temperature Range: 33 - 170 F^o (1 -77 C^o)

pH Range: 4 -10

Pre-treatment prior to activated carbon and ion exchange resin columns; Pre-treatment for RO systems; Polishing for oil and water separators and DAF units.



Zeolite Particle Surface (Negative Charged)

**WATER FILTRATION
AND REMEDIATION MEDIA**

Distributed by:

125 Prairie Lake Road, East Dundee, IL 60118 | 1.847.844.0680 | Fax 1.847.844.0799
1.800.PURPLE.1 | Email sales@hydrosilintl.com | Website www.hydrosilintl.com

WHERE MEDIA IS KEY